APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

The Determination of the Shift and Splitting of the Normal Frequencies of the Sulfate Ion in Various Anhydrous Alkali Sulfates, by K. Schaefer, 11 pp.

GERMAN, per, A fuer Elektrochemie, Vol LII, No 3, 1948, pp 98-103.

Assoc Tech Serv OTS270
14.65

Sci - Chem
OTS I, 4
Apr 59

85, 248

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

The Thermal Diffusion Effect in Gases, by K. Schaefer

GERMAN, per, Angew Chem, Vol A XLIX, 1947, pp 83-87.

Nat'l Res Council Canada TT 190

Scientific - Chemistry
Jul CTS/DMK Price 0.25

17,772

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

SCHAEFER, K.

The Physicochemical Differences Between the Isotopes
German, Angewandte Chemie, Vol 59A, 1947 AEC Tr Oct 49 CTS

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

The Effect of Prolonged Exposure to 3% CO_2 on Brain Waves, by K. E. Schaefer, 13 pp.
[illegible], per, Pflugers Archiv fur Die Gesamte Physiologie, Vol 251, 1949, pp 725-40.
Dept of Navy NIC tr 2656

K. E. Schaefer

Sci/Tech
Sep 60

363,218

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Sci/Aero C

Comparison of the Stream Filament Theory From Gas Dynamic With the Theory of Flows With Axial Symmetry, by M. Schaefer, 5 pp. UNCLASSIFIED

GERMAN, done by Technische Hochschule Dresden for Peenemunde Archiv 44/7. AIR 15579137

AMC Tr

From Univ Tr A9-T-8
for AMC under contract
No AMC number

PB 10224

~~Cat cite~~

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Sci/Aero

C

M. Schaefer

Propagation of a Two-Dimensional Irrotational Supersonic Flow Along a Wall, by M. Schaefer, 13 pp. UNCLASSIFIED

GERMAN, done by Technische Hochschule Dresden for Peenemunde Archiv 44/9, Nov 5, 1942.

CIA 559 839

AAC Tr

Brown Univ Tr A9-T-10
for AAC under contract
no AAC number

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Sci/Aero C

The Appearance of a Compression Shock in the Neighborhood of a Convex Wall Surface Which is Free From Singularities, by M. Schaefer, 22 pp.

GERMAN, done by Technische Hochschule Dresden for Peenemunde Archiv 44/12b, 1944.

AAC F-TS-1206-IA

Brown Univ Tr A9-T-14
for AAC under contract

A 10425

Cat etc

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Sci/Aero

C

Outflow of a Jet of Compressed Air Into Moving Air, by W. Schaefer, 14 pp.

[illegible], done by Technische Hochschule Dresden for Peenemunde Archiv 44/13, 1944.

AAC F-TS-1204-LA

[illegible]

A 10426

[illegible]

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

SCHAEFER, H.

Remarks on the Work "Two Boundary Value Problems in the Theory of Hyperbolic Partial Differential Equations of the Second Order With Applications to Supersonic Gas Flow, 6 pp.

German, done by Technische Hochschule Dresden for Peenemunde Archiv 44/2a, 1946. CIA 49153

Brown Univ Tr A9-T-4 for AMC

A10427

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Sci/Aero C

Formation of Envelopes of Curved Mach Waves in Flow Along a Convex Wall, by M. Schaefer, 44 pp. UNCLASSIFIED

GERMAN, done by Technische Hochschule Dresden for Peenemunde Archiv 44/12a, 1944.

ATC F-TS-1203-LA

Trans Div Tr ATC-13
For ATC under contract

A 10428

Col. etc.

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Sci/Aero C

Connection Between Wall Curvature and Shock Wave Curvature in Two-Dimensional Gas Flows, by H. Schaefer, 21 pp. UNCLASSIFIED

GERMAN, done by Technische Hochschule Dresden for Peenemunde Archive 44, 1940.

CIA 559838

AMC Tr [illegible]

Brown Univ Tr A9-T-9
for AMC under contract
No AMC number

A 10430

Cat 060

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Sci/Aero

C

Formation of Envelopes of Mach Waves on a Tangentially Struck Blade, by M. Schaefer, W. Tollmien, 29 pp. UNCLASSIFIED

GERMAN, ~~translated~~ done by Technische Hochschule Dresden for Peenemunde Archiv M/10, May 1943.

CIA5599840

AAF Tr

Brown Univ Tr
AG-T-11 for AAF
under contract
No AAF under

11 10429

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

(FDD 26856)

A Contribution to the Theory of Binaural Hearing, by Otto Schaefer, Hebert Schlitt, 14 pp.

GERMAN, no per, Zeit fuer [illegible] Angewandte Physik, Vol VII, No 4, Berlin/Heidelberg, 1955, pp 165-168.

CIA/FDD/U-7831

Sci - Physics, acoustics, physiological

32,592

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Separation of Lipoid, Polysaccharid, and Protein Antibodies From Tuberculous Sera by Means of the Specific Inhibition Reaction, by W. Schaefer, 13 pp.

FRENCH, per, Ann. Inst Pasteur, Vol LXIV, Apr 1940, pp 301.

SLA 2605

Sci - Medicine
Jan 58

57,406

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

The Building Block Construction Method of Radio Works, Dresden, by Schaeffer, 4 pp

GERMAN, per, Radio und Fernsehen, Vol [illegible] Sep 1958, pp 535-536

[illegible]

[illegible]

[illegible]

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Show or Scientific Exhibition, by Schaeffer.
5 pp.

GERMAN, per, Radio und Fernsehen, Vol IX,
No 1, 1960, pp 3, 4.

UMS 60-31232

Sci
Vol IV, No 8
29 May 62

198, 231

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Show or Scientific Exhibition, by Schaeffer,
5 pp.

GERMAN, per, Radio und Fernsehen, Vol IX,
No 1, pp 3-4.

USASIA; SC-1326/60

XEX

168 635

EEur - Germany
Sep 61
Econ

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

A-25/64

The Revolving and Tilting Short-Wave Directional Antenna in Bauen, by Schaeffer, 5 pp
GERMAN, per, Radio und Fernsehen, No 19, Oct 1964, 1 p.

JPRS/SF-3434/Special

bci
Nov 64

268 957

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

REMA- A Private Firm in the German Democratic Republic, by Schaeffer, 5 pp.

GERMAN, per, Radio und Fernsehen, No 15, Aug 1959, pp 461, 462.

FDD/X-4070
USASIA SC-85a/59

Sel
Jan 60

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Oxidation of Leuco Compound to the Vat Dye,
by A. Schaeffer, 8 pp.

[redacted], por, Melliand Textilber, Vol XXXVIII,
No 4, 1957, pp 428-431.

Amoco Tech Sv 24J160

Sci
Aug 58

70,850

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Processes in the Vatting of Vat Dyes, by A. Schaeffer, 29 pp.

GERMAN, per, Melliand Textilber, Vol XXXVI, No 10, 1955, pp 1033-1036.

Assoc Tech Serv
45890

Sci

Aug 58

71,384

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Comparative Exposure Tests to Daylight and Artificial Light, by A. Schaeffer, 31 pp.

GERMAN, per, Melliand Textilber, Vol XXXVII, [illegible]
1956, pp 94-98.

SIA 3442

Sci

Aug 58

71,657

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

An Epidemic of Bornholm's Disease in Northern Amsterdam, Tuindorp Oostzaan, by Dr L. Pacos Schaffer, 26 pp.

DUTCH, Ned. Tijk. v. Geneesk., Vol 95, No 40, Holland, Oct 6, 1951, pp 2938-2948.

CIA/FDD X-634

Scientific - Medicine, disease

National Institutes of Health, Bethesda, Md.

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Production of Helium and Argon in Iron by High Energy Protons, by O. A. Schaeffer, J. Zahringer. 7 pp.

GERMAN, per, Z Naturforsch, Vol XIIIa, 1958, pp 346, 347.

AEC BNL 3495

Sci - Chem

Jan 59

79,569

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Metal Adhesion With Epozyde Resins, by W. Schaeffer, H. Jahn, 24 pp. Plasticators for Rubber, by S. Zielinski, 12 pp.

GERMAN, per, Plaste und Kautschuk, Vol II, No 3, Mar 1955, pp 53-58, 64-67. CIA 56844 and CIA 56842

ATIC F-TS-[illegible] V

Sci - Chemistry
Apr 56

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

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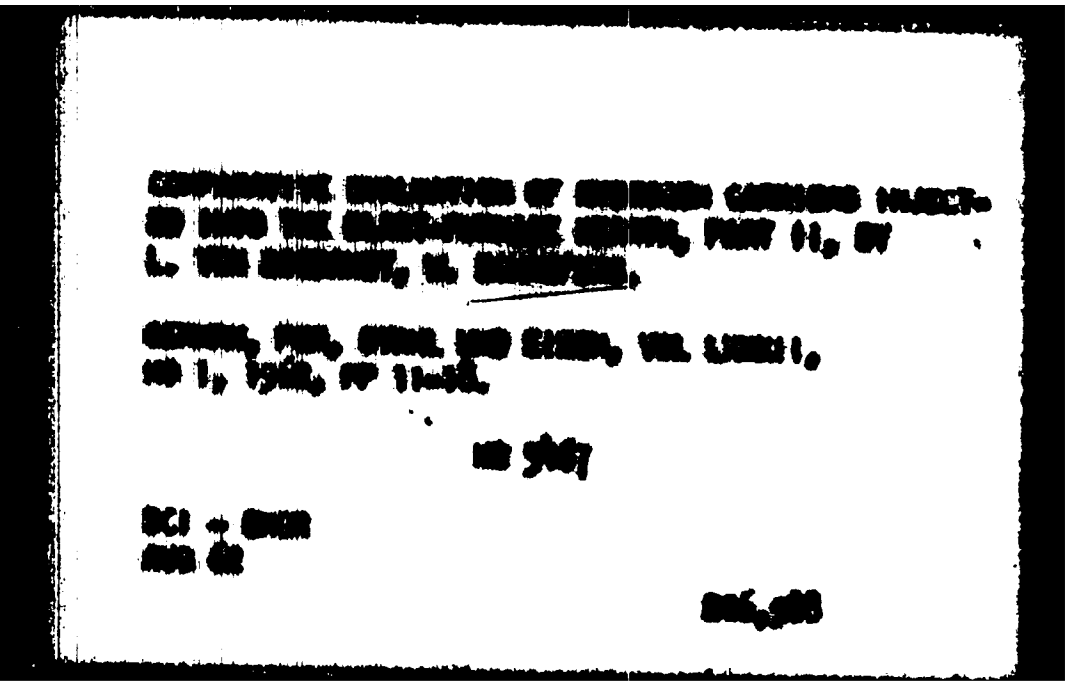

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

U.-Boat Weapon Part I & II, by S. Schneider, 123 pp.
GERMAN, rpt, Mis H/Restricted, 1963-1966.
*Dept of Navy/Bu Ships 991

S Schneider

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DISTRIBUTED BY ANY HOLDER ONLY WITH SPECIFIC PRIOR
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WASHINGTON D. C. 20360
Sept 66

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schaepdryver, A. F. de and Preziosi, P.
CATECHOLAMINE CONTENT OF VARIOUS ORGANS AND TISSUES OF MICE AND DOGS TREATED WITH HYDROCHLOROTHIAZIDE (Contenuto in Catecolamine di Diversi Organi e Tessuti di Topo e di Cane Trattati con Idroclorotiazide). [1962] [4]p. 11 refs.
Order from SLA $1.10 62-10731

Trans. of Soc[ieta] Ital[iana di] Biol[ogia] Sper[imentale]. Boll[ettino] 1961, v. 37, 15 Mar, p. 189-192.

DESCRIPTORS: *Drugs, *Hypertension, *Epinepherine, Adrenal glands, Spleen, Liver, Heart, *Diuretics, *Thiazines, Tissues (Biology)

(Biological Sciences--Pharmacology, TT, v. 8, no. 7)

62-10731

1. Title: Catecholamine
I. Schaepdryver, A. F. de
II. Preziosi, P.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

The Influencing of the Transmission of Stimuli in the Peripheral Sympathetic Nervous System by Tofranil, by U. Schaeppi.
GERMAN, per. Helv. Physiol. Pharmacol Acta, Vol 18, 1960, pp 345-362.
NIH 1-25-65
P910291267

U Schaeppi

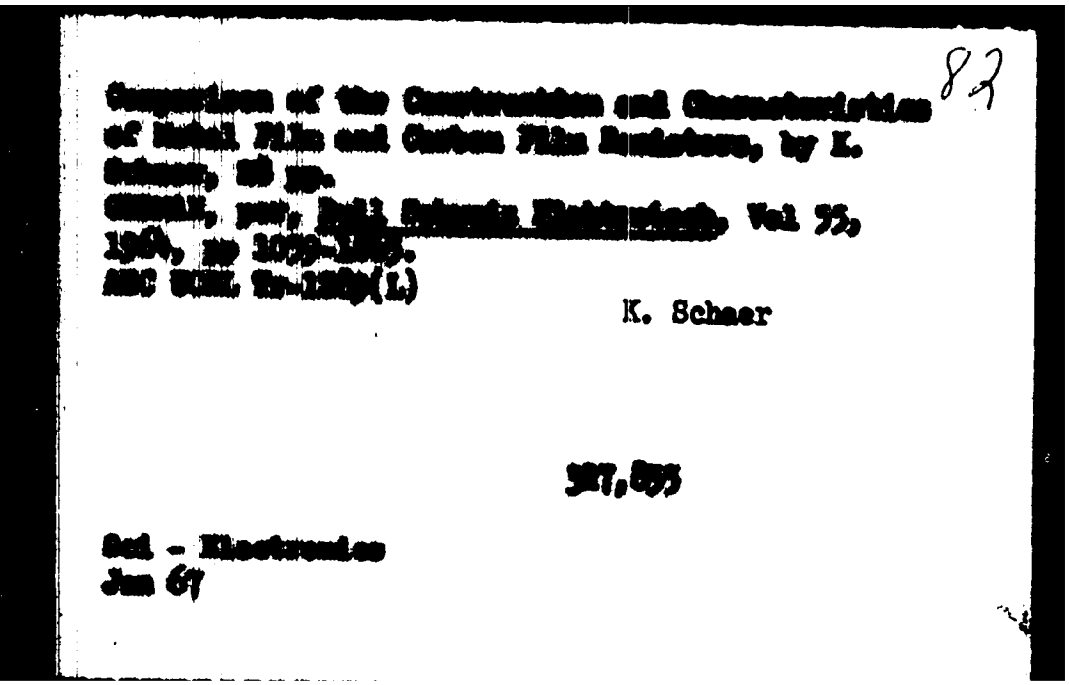
Sci - NIH
Oct 67

342,672

60

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3



87

K. Schaer

Sol. - Electronics
Jun 64

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Modern Working Methods on Twin Screws, by A. J. Schaerer, 35 pp.

GERMAN, per, Kunstoffe, Vol XLIV, No 12, Dec 1954, pp 105-111. (loan copy only)

SLA 57-2761

Sci
Aug 58

70,829

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Modern Processing Methods with the Twin-Screw Extruder, by A. J. Schaerer, 12 pp.

GERMAN, per, Kunststoffe, Vol XLIV, No 12, 1954, pp 601-607. (loan copy only)

SLA 57-2664

Sci
Aug 58

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Experiments in Mechanical Pitch Consolidation
in Kinigan/Khan. Part I. by Ch. Schauer,
CHIMIE, pur, Pierres and Verdaix, Vol 42,
No 11, 1956, pp 491-504.
MIC 69-15685-13

Ch Schauer

Sci-Mech
Dec 69

398,446

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

[redacted] Experiments in Mechanical Pitch Consolidation in Kindgas/Thum. Part II. by Ch. Schaurer. [redacted], year, Stingers und Metalle, Vol 42, No 12, 1956, pp 735-748. [redacted]: 69-15687-13S

Ch. Schaurer

Sci-Mech
Dec 69 398,447

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Experiments in Mechanical Pitch Consolidation in Kiruna/Sinn. Part III. by Ch. Schaurer. CHEMIE, ger, Chemie und Technik, Vol 43, No 1, 1957, pp 10-16.
EEC 69-15488-13

Ch. Schaurer

Sci-Mech
Dec 69

398,448

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Experiments in Mechanical Pitch Consolidation in Kinigun/Timm. Part V and Conclusion, by Ch. Schaurer.
CHEMIE, par, Stroppe und Vermehr, Vol 43, No 4, 1957, pp 138-143.
REC 69-15630-138

Ch. Schaurer.

Sci-Mech
Dec 69

398,450

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Experiments in Mechanical Ditch Consolidation
in Kinigau/Thun. Part IV. by Ch. Schaerer.
GERMAN, per, Strasse und Verkehr, Vol 43, No 3,
1957, pp 96-101.
MIC 69-15629-13

Ch. Schaerer

Sci-Mech
Dec 69

398,449

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

The Triaxial Apparatus, by Robert Haefeli, and Ch. Schaerer.

GERMAN, Schweizerische Bauzeitung, Vol 128, August 1946. A. Part I, Vol 128, No 5, 3 August 1946;
B. Part II, Vol 128, No 6, 10 August 1946, pp 65-67;
C. Part III, Vol 128, No 7, 17 August 1946, pp 81-84.

USA Corps of Engr, Waterways Exper Sta Tr 46-8

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Photoelectric Cells With Secondary Electron Multipliers, by N. Schaetti, 13 pp.

GERMAN, per, Helvetica Physica Acta, Vol XXIII, 1950, pp 108-120. CIA D 600246

Am Mg Tech Lib Sec T-258 gu
AF 19(604)-1936
table + figures missing 4-17pp
Scientific - Physics

Air Res and Dev Command
T-184-S
CRS/DEX

13,532

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Studies on the Smell Orientation of Bloodsucking Insects, by B. Schaerffenberg, E. Kupla, 11pp

GERMAN, per, Osterreichische Zoologische Zeitschrift, Vol III, No 3-4, 1951-1952, pp 410-424.

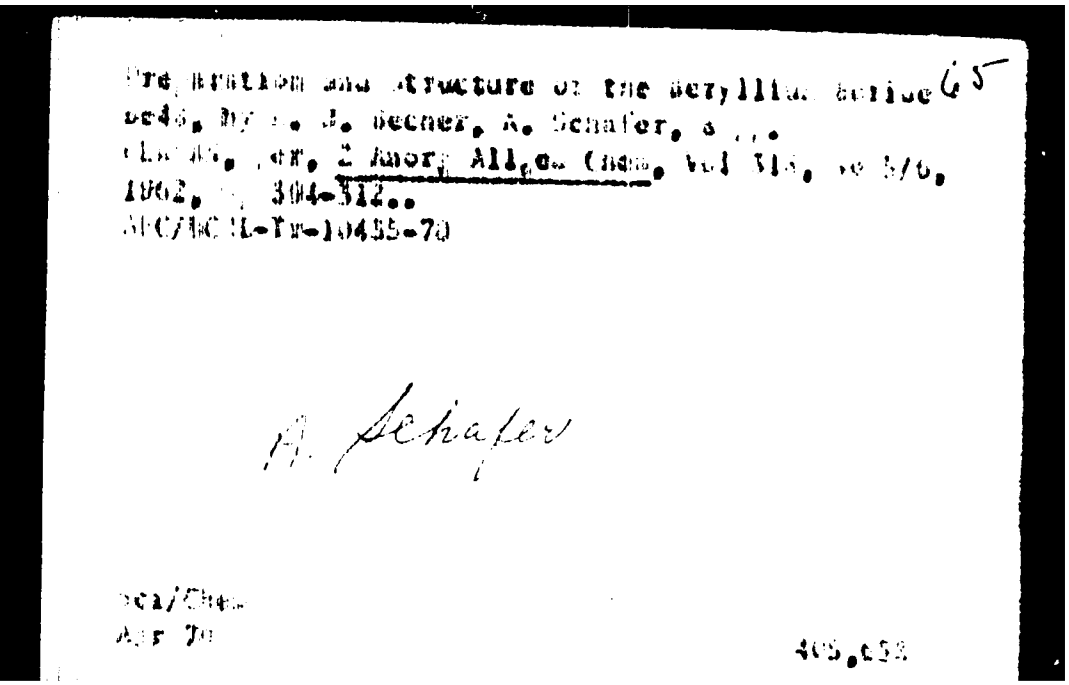
NIH 7-1-63

Sci - Biol & Med
Sep 63

344,323

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3



The Fusion and Structure of the Beryllium Oxide 65
Oxide, by H. J. Becher, A. Schafer, and ...
Chem., Ger., Z Anorg Allg. Chem., Vol 314, No 5/6,
1962, pp 304-312.
AEC/AEC(L)-Tr-10455-70

A. Schafer

Orca/Chem
Apr 70

405,053

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Friction Under Roller Pressure at Different Modulus of Elasticity, by Alfred Schafer. UNCLASSIFIED

GERMAN, per, Archiv fur das Eisenhuettenwesen, Vol XXIII, No 7/8, Jul/Aug 1952, pp 253-256.

Navy Tr 982/BuShips 552

11,928

Scientific - Engineering

U.T.S./D.E.V.

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Modern Methods of Filling and Emptying Chamber Locks and Increasing Their Traffic Capacity, by August Schafer.

GERMAN, Die Bautechnik, Vol 17, No 51, 1 December 1939, pp 625-627; Vol 17, No 55-56, 22 December 1939, pp 679-683.

USA Corps of Engr, Waterways Exper Sta Tr 40-9

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

A-10431

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Electrolytic Production of SbF_5
Sources. Sealed Sources. VII, by
L. Meunier, G. Vorms.
Ann. phys. Kernenergie, Vol 7, [illegible],
1964, pp 111-113.
Engl trans-Tr-011

H L Clapp

Sci/Chemistry
Dept 65

[illegible],511

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

The Enthalpy of Formation of Tantalum Chloride and the Thermochemistry of the Chlorides TaCl5, TaCl4, and TaCl3, by Harold Schafer.

ZEROAM, per, Z fuer Anorgan und Allgemeine Chem, Vol CCCV, 1960, pp 178-189.

Dept of Interior
TN7 R57 No 5031

191,522

Sci - Chem

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Effect of Slag Formation on the Efficency and Desulphurisation in the Basic Open Hearth Process, by G. Trocnal, H. Schafer.

GERMAN, per, Stahl und Eisen, Vol LXXXIII, 1963, pp 1099-1106.

BISI 3430

Sci .. Engr
Dec 63

243,527

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

[redacted] Reduction Oxides at High Temperatures, by
E. Schafer, W. [redacted], A. Tibben, 2 pp.

[redacted], pay, Angewandte Chemie, Vol LXXXII, No 1,
1961, p 27. 9095965

AEC NP Tr-611

Mar 62

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Studies on the Fe2O3-FeCl3-H2O-HCl System
Rept. 1. The Action of Hydrogen Chloride On
-Iron Oxide and the Evaluation and Interpretation
of the Reaction Equilibriums, by Harald Schafer,
34pp
GERMAN,per, Zeitschrift fur Anorg und Allgem
Chem, Vol 259, 1949, No 1/4, pp 53-74
SLA Tr-65-10129

Harald Schafer

Sci - Chem
June 67 329,409

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schäfer, Harald.
STUDIES ON THE Fe_2O_3-$FeCl_3$-H_2O-HCl SYSTEM. I. [INFLUENCE OF HYDROGEN CHLORIDE ON α-IRON OXIDE]. [1962] [53]p. 25 refs.
Available on loan from SLA 62-18213

Trans. of Zeitschrift für Anorganische Chemie (East Germany) 1949, v. 259, p. 53-74

DESCRIPTORS: *Hydrogen compounds, *Chlorides, *Iron compounds, *Oxides, Chemical reactions, Chemical equilibrium, Temperature, Dissociation

Experimental studies were made of the equilibriums which were reached following the action of HCl on α-Fe_2O_3 between 300 and 1000°C. The methodics of the equilibrium measurements are described and the accuracy of the results is discussed. The reaction equilibriums Fe_2O_3 + 6 HCl ⇌ Fe_2Cl_6 gas + 3 H_2O
(Chemistry--Physical, TT, v. 8, no. 9) (over)

62-18213

Schäfer, H.
Title: Influence...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schäfer, Harald and Dohmann, Kurt-Dietrich.
CONTRIBUTIONS TO THE CHEMISTRY OF THE ELEMENTS NIOBIUM AND TANTALUM. XXI. PREPARATIVE INVESTIGATIONS WITH THE LOWER NIOBIUM CHLORIDES. [1963] [38]p. (figs. omitted) 69 refs.
Available on loan from SLA 63-16505

Trans. of Zeitschrift für Anorganische und Allgemeine Chemie (East Germany) 1959, v. 300, no. 1/2, p. 1-32.
Another trans. is available from SLA $3.60 as 63-14134, 26 Oct 60, 33p.

DESCRIPTORS: Tantalum, Niobium, *Niobium compounds, *Chlorides, *Phase studies, Pyrolysis, Reduction (Chemistry), Thermochemistry, Solubility, Chemical analysis, Chemical properties, Synthesis (Chemistry).

(Chemistry--Inorganic, TT, v. 10, no. 3)

63-16505

I. Schäfer, H.
II. Dohmann, K.-D.
III. Title: Preparative ...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

61-20532

Schäfer, Harald.
REMARKS ON FORMATION OF HIGHER SILICON CHLORIDES IN A CHILLED TUBE (Bemerkungen zur Entstehung höhermolekularer Siliciumchloride im Abschreckrohr). [1961] 6 p. 12 refs.
Order from SLA $1.10 61-20532

Trans. of Z[eitschrift] f[ur] Anorg[anische] Chemie (East Germany) 1953, v. 274, p. 265-270.

DESCRIPTORS *Silicon compounds, *Chlorides, Molecular weight, Synthesis, Thermodynamics, Gases, *Cooling.

The mechanism of formation of higher-molecular-weight silicon chlorides upon synthesis in a suddenly cooled tube is discussed. It is made plausible that chlorides Si_nCl_{2n+2} are formed because the thermodynamically stable chief constituents of the gaseous
(Chemistry--Physical, TT, v. 7, no. 7) (over)

H. Schäfer, H.

19720?

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schäfer, Harald and Nickl, Julius.
THE EQUILIBRIUM REACTION Si + $SiCl_4$ = 2 $SiCl_2$ AND THE THERMOCHEMICAL PROPERTIES OF GASEOUS SILICON(II) CHLORIDE (Uber das Reaktionsgleichgewicht Si + $SiCl_4$ = 2 $SiCl_2$ und die Thermochemischen Eigenschaften des Gasförmigen Silicium(II)-chlorids). [1961] 18p. 11 refs.
Order from SLA $1.60 61-20531

Trans. of Z[ei]tschr[ift] f[ür] Anorg[anische] Chemie (East Germany) 1953, v. 274 [no. 4/5] p. 250-264.
Another trans. is available from SLA mi$2.40, ph$3.30 as 60-18007 [1960] 19p.

DESCRIPTORS: *Silicon, *Silicon compounds, *Chlorides, Chemical reactions, *Chemical equilibrium Thermodynamics, Chemical properties

For abstract see Technical Translations 4: 508, 1960. (Chemistry--Physical, TT, v. 7, no. 4)

61-20531

I. Schäfer, H.
II. Nickl, J.

191113

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

The Saturation Pressure Above Liquid Titanium Tetachloride, by Harald Schafer, Frierich Zeppernick.

GERMAN

SLA per
NC State College

Jun 59

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Contributions to the Chemistry of the Elements Niobium and Tantalum: Part VI. The Separation of the Elements Niobium and Tantalum by the Reduction of Niobium Pentachloride, by H. Schafer, C. Pietruck

GERMAN, per, Z Anorg Chem, Vol CCLXVI, 1951, pp 151-160.

TPA3/TIB T 4263

Scientific - Chemistry
CTB/DEX

17,379

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schafer, H. and Etzel, K.
THE MIGRATION OF COPPER (I) OXIDE AND OF COPPER IN TEMPERATURE GRADIENTS. Pt. 5. of Chemical Transport Reactions. [1961] 10p.
Order from ATS $14.10 ATS-64N51G

Trans. of Z[eitschrift für] Anorg[anische] Chem[ie] (East Germany) 1957, v. 291, p. 294-304.

DESCRIPTORS: Copper compounds, *Oxides, Temperature, *Copper, Chemical reactions, *Transport properties, Liquid metals.

(Chemistry--Physical, TT, v. 6, no. 4)

61-22905

I. Schafer, H.
II. Etzel, K.
III. Title: Chemical ...
IV. ATS-64N51G
V. Associated Technical Services, Inc., East Orange, N. J.

AT-/9[illegible]

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schafer, H., Jacob, H., and Etzel, K.

CHEMICAL TRANSPORT REACTIONS. II. THE APPLICATION OF THE DECOMPOSITION EQUILIBRIUM OF IRON (II) AND NICKEL (II) HALIDES TO THE TRANSPORT OF THE METAL IN A TEMPERATURE GRADIENT. [1961] 12p.

Order from ATS $14.75 ATS-63N51G

Trans. of Z[eitschrift für] Anorg[anische] Chem[ie] (East Germany) 1956, v. 286, p. 42-55.

DESCRIPTORS: Iron compounds, Nickel compounds, *Halides, Decomposition, Iron, Nickel, Metals, Thermodynamics, *Chemical equilibrium, Chemical reactions

61-22640

1. Title: Transport reactions
I. Schafer, H.
II. Jacob, H.
III. Etzel, K.
IV. ATS-63N51G
V. Associated Technical Services, Inc., East Orange, N. J.

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

The Saturation Pressure Above Liquid Titanium Tetrachloride, by H. Schafer, F. Zeppernick, 11 pp.

GERMAN, per, Z. Anorg. u. Allgem. Chem, Vol CCLXXII, 1953, pp 274-278.

S.L.A. Tr No 57-86

Sci - Chemistry
Apr 57

46,917

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schiller, Harald.
METHOD OF SEPARATING THE ELEMENTS NIOBIUM AND TANTALUM, AND FOUNDATIONS THEREOF. Rept. 19 on Niobium and Tantalum. [1963] 27p. (figs. tables omitted) 134 refs.
Order from SLA $2.60 63-14204

Trans. of Angewandte Chemie (West Germany) 1959, v.71, no. 4, p. 153-160.

DESCRIPTORS: *Niobium, *Tantalum, Separation, Oxidation, Hydrolysis, *Distillation, Chromatographic analysis, Chlorides, Reduction (Chemistry), Acids, Crystallization, Oxalates.

The methods of niobium-tantalum separation are arranged and discussed from a unified point of view. By far the majority and the best of the known methods are based on the difference in stability of lower oxidation steps or middle hydrolysis steps. (Author) (Engineering—Chemical, TT, v. 10, no. 5)

63-14204

I. Schiller, H.

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Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schäfer, Harald, Jacob, Herbert, and Etzel, Karl. CHEMICAL TRANSPORT REACTIONS. I. ON THE TRANSPORT OF PRECIPITATES IN TEMPERATURE GRADIENTS BY MEANS OF HETEROGENEOUS EQUILIBRIUMS. [1961] 26p. 22 refs.
Order from SLA $2.60 61-18252

Trans. of Zeit[schrift] f[ür] Anorg[anische] Chemie (East Germany) 1956, v. 286 [no. 1] p. 27-41.

DESCRIPTORS: *Chemical equilibrium, Convection, Thermal diffusion. *Electrostatic precipitation, Gases, Diffusion, Chemical reactions, Thermochemistry, Decomposition, *Transport properties.

If reversible reactions such as $Si + SiCl_4$(gaseous) = $2\ SiCl_2$(gaseous) and $Fe_2O_3 + 6\ HCl = 2\ FeCl_3$(gaseous) $+ 3\ H_2O$ take place in reaction tubes which lie in a temperature gradient (for example, 1000/800° C), the precipitate is taken up at the higher temperature and is

(over)

(Chemistry--Inorganic, TT, v. 6, no. 10)

61-18252

I. Title: Transport reactions
I. Schäfer, H
II. Jacob, H.
III. Etzel, K
IV. Title: On the Transport...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Course-Grained Inorganic Ion Exchangers With an Inactive Matrix, by Karl-Heinz Konig, Horst Schafer, et al, 7 pp. 39
GERMAN, per, Radiochimica Acta, No 1, 1963, pp 213-216. 9225876
AEC-ANL-Tr-73

Sci-Nucl Sci
Dec 64

270,555

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

65

Molecular and Temperature Dependence of Diffusion and Self-Diffusion in Inert Gases, by K. Schafer et al. 7 pp. GERMAN, per, Z. Elektrochem., 61, 1957 pp. 246-252.
*CFSTI PT 70-58114
AVAILABLE FROM DDC ONLY

Sci/Tech
Apr 70

K. Schafer

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

65

The Electrical Energy Exchange Between Solid Materials and Adsorbed Gas Molecules for Carbon- and Fuse-Hydrogen, by K. Schafer, S. Stein.

[illegible], Vol 65, No 7/8, 1961, pp 683-688.

Chem Trans Sv 3063

K. Schafer

321,753

Bel - Chemistry
Apr 67

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

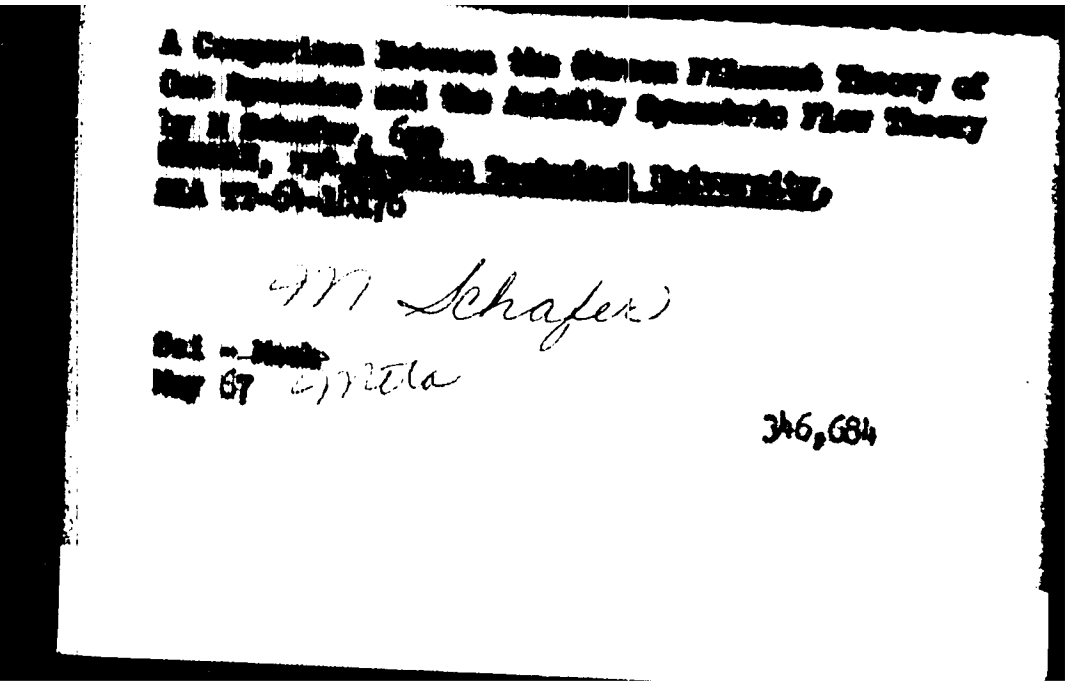
Adsorption, a Partial Thermal Accommodation of Gases on Surfaces, and its Relation to Catalytic Actions, by Kl. Schafer, H. Gerstacker, 18pp.
GERMAN, Ger, Zeitschrift fur Elektrochemie, Vol 60, 1956, No 8, pp 874-887.
CFSTI TT-64-18089

333,224

Sci - Chemistry
Apr 67

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3



A Comparison Between the Glauert Prandtl Theory of Gas Injection and the Axially Symmetric Flow Theory

[redacted]

NSA 73-64-[redacted]

W Schafer

Sol. [redacted]
May 67 Zwilla

346,684

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schäfer, Harald and Morcher, Bernhard.
CHEMICAL TRANSPORT REACTIONS. IV. MIGRATION OF SILICON DIOXIDE IN A TEMPERATURE GRADIENT IN ASSOCIATION WITH SILICON MONOXIDE AND SILICON HALIDES (Die Wanderung von Siliciumdioxyd im Temperaturegefälle unter Mitwirkung von Siliciummonoxyd und Siliciumhalogeniden). [1961] 10p. 17 refs.
Order from SLA $1.10 61-18662

Trans. of Z[eit-schrift für] Anorg[anische] Chemie (East Germany) 1957, v. 291, p. 221-226.

DESCRIPTORS: *Silicon compounds, *Dioxides, *Monoxides, *Halides, Chemical reactions, Separation, Condensation reactions, Decomposition, Thermodynamics

When a mixture of Si and SiO_2 is heated, after addition (Chemistry--Inorganic, TT, v. 6, no. 10) (over)

61-18662

I. Title: Transport reactions
I. Schäfer, H
II. Morcher, B.
III. Title: Migration

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Short Report on the Purification of Columbium Preparations, by Harold Schafer, 2 pp.

GERMAN, per, Z Naturforschung, Vol IIIb, 1948, p 376.

S.L.A. Tr 928/1956

39,202

Sci - Chemistry

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schafer, Harold and Kahlenberg, Franz.
CONTRIBUTION TO THE CHEMISTRY OF THE ELEMENTS NIOBIUM AND TANTALUM. XXII. THE ENTHALPY OF FORMATION OF TANTALUM CHLORIDE AND THE THERMOCHEMISTRY OF THE CHLORIDES $TaCl_5$, $TaCl_4$, and $TaCl_3$. [1962] 18p. 34 refs.
Order from SLA $1.60 63-10767

Trans. of Zeitschrift für Anorganische Chemie (East Germany) 1960, v. 305, p. 178-189.

DESCRIPTORS: Niobium, *Tantalum, *Tantalum compounds, *Chlorides, Thermochemistry, *Enthalpy, Heat of formation.

The enthalpy of formation of tantalum tetrachloride was estimated by determination of the heat of solution: $\Delta H(TaCl_4, 298) = -168.8 \pm 0.5$ kcal/mole. The enthalpy of formation of $TaCl_5$ (s), $TaCl_5$ (g), $TaCl_4$ (s),
(Chemistry--Inorganic, TT, v. 10, no. 1) (over)

63-10767

I. Schafer, H.
II. Kahlenberg, F.
III. Title: Enthalpy . . .

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Method for the Simultaneous Determination of Small Amounts of H_2S & CS_2 in Air, by W. Sonnerschein, K. Schafer.

GERMAN, per, Zeitschrift für Analytische Chemie, Vol XCL, 1953, pp 15-25.

C.S.I.R.O.

Sci

May 60

115, 745

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Respiration and Acid-Base Equilibrium with Continued Administration of 5% CO_2.
by K. E. Schafer.
GERMAN, per.Arch. Ges. Physiol, Vol 251, 1949, pp 689-715.
NASA TT F-9828

K. E. Schafer

U. S. GOVERNMENT USE ONLY
Sci-BGM
Apr 66 298,758

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

6 The Influence of Infections and Similar Processes on Iron Metabolism. 2nd Report. The Intermediate Iron Shifts Appearing in the Course of Infections and Intoxications, by Karl-Heinz Schafer, 32 pp.

GERMAN, per, Z. fuer d. Ges. Exper Med, Vol CX, 1942, pp 697-712.

NIH 1-12-61

Sci - Med
Mar 61

141,639

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

The Influence of Infections and Similar Processes on Iron Metabolism. 1st Report. The Influence of Infections, Intoxications and of Sensitization Against Serum Foreign to the Species on the Total Iron Content as a Measure of for the Iron Requirement of the Organism, by Karl-Heinz, Schafer, 38 pp.

GERMAN, per, Z. fuer D. Ges. Exper Med, Vol CX, 1942, pp 678-696.

NIH 1-11-61

141,638

Sci - Med
Mar 61

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

A Measuring Method for the Determination of Thermal Conductivity at 1100C.
by Kl. Schafer, F. W. Reiter, V
GERMAN, per. Zeit fur Elektrochemie, Vol LXI, No 9, 1957, pp 1230-1235.
SLA TT 64-30306

Kl. Schafer

Sci
May 67

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Thermodynamics and Statistics of Boundary Surfaces, by Kl Schafer, 32 pp.

GERMAN, per, Z fuer Elektrochemie, Vol LIX, No 4, 1955, pp 233-245.

FDD/X-3620

Sci
Jul 59

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

A Contribution to the Question of Localization of Bulboreticular Respiratory Neurons of Cat, by R. v. Baumgarten, A. v. Baumgarten, K. F. Schafer, 15 pp.

GERMAN, Per, Pflugers Arch Ges Physiol (Germany) 1957, Vol CCLXIV, No 3, pp 217-227.

SLA 59-10637

99,841

Sci
Oct 59
Vol 2, No 3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Equations for Adiabatic But Rotational Steady Gas Flows Without Friction, by Manfred Schafer

GERMAN, per, Lehrstuhl fur Technische Mechanik an der Technischen Hochscule Dresden, Archiv, No 44/1.

S.L.A. Tr Pool

Scientific - Engineering
CTS/DBX

14,317

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Western Europe/ Sci C

Two-Dimensional Potential Flows, by Manfred Schafer, W. Tollmien,
GERMAN, Archiv, Vol XLIV, Technische Hochschule, Dresden, Mar 22, 1941.

AEC Tr 65

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Programme Three-Position Integral Action Controller, by O. Schafer.

GERMAN, per, Regelungstechnik, Vol VI, No 5, 1958, pp 174-177.

C.S.I.R.O.

Sci

May 60

115,779

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

HOHAGE, E.
SCHAFER, E.

Archiv Eisenhuttenwesen, vol. 13, 1939-40, pp. 123-125; 10 figures, 1 table 3300 words.

Problem of Solidification of Steel Ingots.

Brutcher Trans, Order No. 791, $3.30.

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

E

SCHAFER, E.

Stahl Und Eisen, vol. 60, 12 figures, 4000 words; 1940.

Surface Defects on Ingots and Semifinished Products.

Brutcher Trans, Order No. 971, 14.50

M 10435

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

BRUSCHER, C.
SCHAFER, R.

ARCHIV EISENHUTTENWESEN. vol. 9, 8 figures, 7 tables. 4900 words: 1935.

Hydrogen as Cause of Low Ductility in Steel.

Brutcher trans. Order No. 601 $4.90

A-1145

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schäfer, Rall and Wirth-Lindemann.
THERMODYNAMIC INVESTIGATIONS ON THE SYSTEM ACETONE-n-HEPTANE AND ACETONE-n-NONANE. [1962] 10[illegible]p. (figs. tables omitted) 12 refs.
Order from: SLA $1.10 62-16759

62-16759

I. Schafer, R.
II. Wirth-Lindemann.

Trans. of Zeitschrift fur Physikalische Chemie [Frankfurt] (West Germany) 1955 [illegible] p. 197-207.

DESCRIPTORS: *Electrochemistry, Thermodynamics, *Phase studies, *Acetones, *Heptanes, *Nonanes, Evaporation, Vapor pressure.

The evaporation equilibria of the two binary systems acetone-n-heptane and acetone-n-nonane were investigated in a by-pass apparatus in the range 0 to 50°C. The data obtained out of the measurements for calculating the activity coefficient were corrected with respect (Physics--Thermodynamics, TT, v. 9, no. 2) (over)

[illegible]144

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

62-20154

Schäfer, R. R.

PHYSICAL CHEMISTRY OF LACQUERS [CONTINUED]

Communication no. 11, 24 Jan 47, 18p. (fig [illegible] omitted)

Order from SLA $. 60

Trans. of [Fette Seifen Anstr omitted] (continued) 1943, v. 50, p. 279-285

DESCRIPTORS: Varnishes, Physical chemistry, Surface active substances, Flammability, Odor, Solvents, Aliphatic compounds, Heterocyclic compounds, Monocyclic compounds, Polycyclic compounds

Contents:
Wetting ability
Inflammability
Odor and physiological properties
The most important lacquer solvents
A. Aliphatic compounds
B. Cyclic compounds

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Investigations on the Haemagglutinating Noninfectious Particles of the Influenza Viruses. First Report: The Production of "Incomplete Forms" in the Virus of Classic Chicken Plague (von Magnus Phenomenon), by T. Rott, W. Schafer.

GERMAN, per, Z Naturforschung, No 15b, pp 691-693, 1950.

NIH 9-6-62

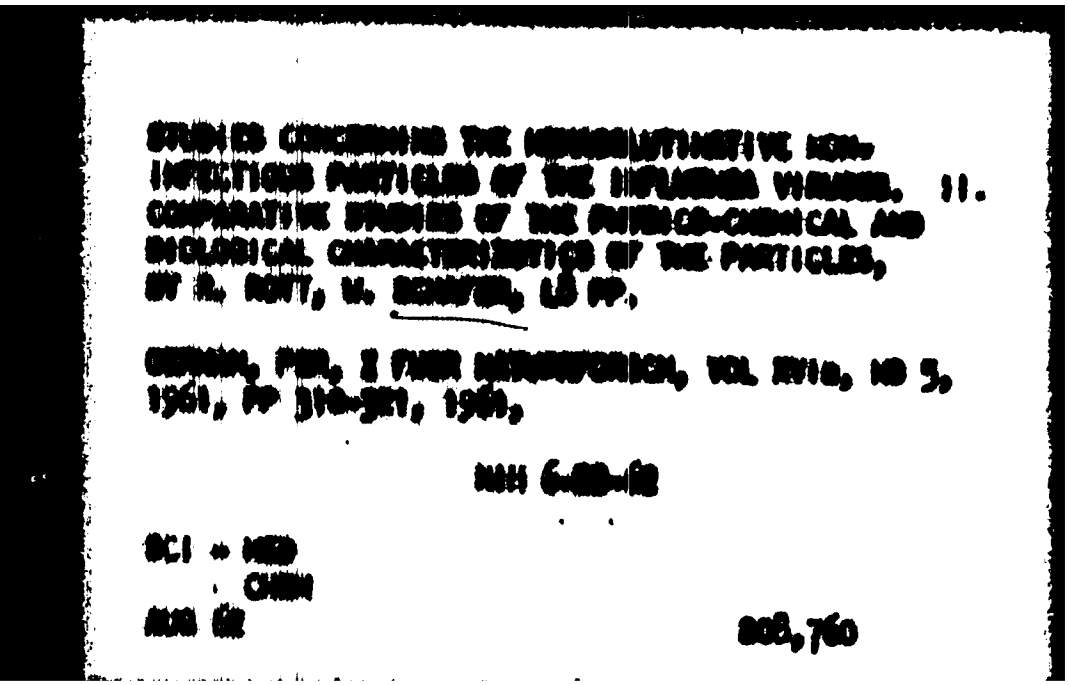
Sci - Med

Dec 62

218,860

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3



[redacted]

[redacted]

[redacted]

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100090041-3

Schäfer, Walter.
THE BINARY SYSTEMS FROM CALCIUM CHLORIDE WITH BARIUM AND STRONTIUM CHLORIDE. [1963] 10p
Order from K-H $10.00 K-H 8529c
SLA TT-64-30790
Trans. of Neues Jahrbuch [für] Mineralogie, Geologie [und Palaeontologie] (Germany) 1914, p. 15-24.

DESCRIPTORS: *Chlorides, *Strontium compounds, *Barium compounds, *Calcium compounds.

(Earth Sciences--Mineralogy, TT, v. 10, no. 12)

63-22822

I. Schäfer, W.
II. K-H-8529c
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

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Concerning Tyndallometric Measurement of Dust Content in Air and a New Dust Measuring Apparatus, by M. Barek, K. Mannchen, W. Schafer.

GERMAN, per, Z fur Instrumentkunde, Vol LVI, 1936, pp 49-56.

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